

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims

1-41. (canceled)

42. (currently amended) An isolated multiprotein complex comprising a ~~eukaryotic~~ Modulator of Translation Termination protein (Mtt1p, also referred to as helicase B), a ~~eukaryotic~~ Upf1 protein, a peptidyl eukaryotic release factor 1 (eRF1) and a peptidyl eukaryotic release factor 3 (eRF3), wherein each of the components of the complex ~~are is~~ from *S. cerevisiae* ~~the same eukaryotic source~~ and wherein the complex is effective to modulate ~~peptidyl~~ peptidyl transferase activity during translation.

43. (currently amended) The complex of claim 42, further comprising a ~~eukaryotic~~ *S. cerevisiae* Upf2 protein.

44. (currently amended) The complex of claim 42, further comprising a ~~eukaryotic~~ *S. cerevisiae* Upf3 protein.

45. (currently amended) The complex of claim 42, wherein to be effective in modulating the fidelity of translation termination, a ~~eukaryotic~~ Mtt1p should comprise at least one of the motifs selected from the group consisting of GppGTKTxT-X(n) (SEQ ID NO:1), riLxcaSNxAxDxI-X(n) (SEQ ID NO:2), vviDExxQaxxxxxiPi-X(n) (SEQ ID NO:3), xxilaGDxxQLp-X(n) (SEQ ID NO:4), lxxSLFerv-X(n) (SEQ ID NO:5), LxxQYRMhpxisefpxYxgxL-X(n) (SEQ ID NO:6), IgvitPYxxQvxxl-X(n) (SEQ ID NO:7), vevxtVDxFQGreKdxliScVR-X(n) (SEQ ID NO:8) and iGFLxdxRRINValTRak (SEQ ID NO:9).

Application No.: 10/652,334

Amendment and Response dated March 30, 2005

Reply to Office Action of February 7, 2005

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46. (previously presented) The complex of claim 42, wherein the complex modulates the efficiency of translation termination.

47. (previously presented) The complex of claim 42, wherein the complex modulates the degradation of aberrant mRNA.

48. – 49. (canceled)